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Substitute for form 1449/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Complete if Known

Application Number	09/348,515
Filing Date	July 7, 1999
First Named Inventor	Murakami et al.
Art Unit	3623
Examiner Name	Irshadullah, H.
Attorney Docket Number	22845-038

Sheet 1 of 12

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite ¹ No.	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
H.	1	US- 6,427,913	08-06-2002	Maloney et al.	
H.	2	US- 6,340,935	01-22-2002	Hall	
H.	3	US- 6,336,295	01-08-2002	Takei et al.	
H.	4	US- 6,317,720	11-13-2001	Murakami et al.	
H.	5	US- 6,304,223	10-16-2001	Hilton et al.	
H.	6	US- 6,278,936	08-21-2001	Jones	
H.	7	US- 6,253,980	07-03-2001	Murakami et al.	
H.	8	US- 6,253,129	06-26-2001	Jenkins et al.	
H.	9	US- 6,249,233	06-19-2001	Rosenberg et al.	
H.	10	US- 6,225,890	05-01-2001	Murphy	
H.	11	US- 6,185,487	02-06-2001	Kondo et al.	
H.	12	US- 6,181,991	01-30-2001	Kondo et al.	
H.	13	US- 6,185,501	02-06-2001	Smith et al.	
H.	14	US- 6,157,315	12-05-2000	Kokubo et al.	
H.	15	US- 6,154,006	11-28-2000	Hatanaka et al.	
H.	16	US- 6,240,365	05-29-2001	Bunn	
H.	17	US- 6,133,707	10-17-2000	Kikuchi et al.	
H.	18	US- 6,129,371	10-10-2000	Powell	
H.	19	US- 6,089,431	07-18-2000	Heyworth	

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite ¹ No.	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁶
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				
H.	20	EP 0 212 842 A1	03-04-1987	Dobson		
H.	21	EP 0 451 482 A1	10-16-1991	Hirshberg		
H.	22	EP 0 653 732 A1	05-17-1995	Laurens et al.		
H.	23	EP 0 694 885 A2	01-31-1996	Tagami et al.		
H.	24	EP 0 877 341 A2	11-11-1998	Kokubu et al.		
H.	25	EP 0 708 427 A2	04-24-1996	Parodi et al.		

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M. IRSHADULLAH

Date
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8/4/03

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Application Number	09/348,515
Filing Date	July 7, 1999
First Named Inventor	Hiroshi Murakami et al.
Art Unit	3623
Examiner Name	Irshadullah, H.
Attorney Docket Number	22845-038

Sheet 2 of 12

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite ¹ No.	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
H.	26	US- 6,078,850	06-20-2000	Kane et al.	
H.	27	US- 5,995,898	11-30-1999	Tuttle	
H.	28	US- 5,995,013	11-30-1999	Yoshizawa et al.	
H.	29	US- 5,945,919	08-31-1999	Trask	
H.	30	US- 5,922,040	07-13-1999	Prabhakaran	
H.	31	US- 5,908,453	06-01-1999	Tabata et al.	
H.	32	US- 5,869,950	02-09-1999	Hoffman, Jr. et al.	
H.	33	US- 5,838,251	11-17-1998	Brinkmeyer et al.	
H.	34	US- 5,812,070	09-22-1998	Tagami et al.	
H.	35	US- 5,803,215	09-08-1998	Henze et al.	
H.	36	US- 5,790,976	08-04-1998	Boll et al.	
H.	37	US- 5,737,710	04-07-1998	Anthonyson	
H.	38	US- 5,751,973	04-12-1998	Hassett	
H.	39	US- 5,726,885	03-10-1998	Klein et al.	
H.	40	US- 5,721,550	02-24-1998	Lopez	
H.	41	US- 5,686,895	11-11-1997	Nakai et al.	
H.	42	US- 5,664,113	09-02-1997	Worger et al.	
H.	43	US- 5,614,804	03-25-1997	Kayano et al.	
H.	44	US- 5,612,608	03-18-1997	Ishiguro et al.	

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite ¹ No.	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁶
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				
H.	45	EP 0 991 031 A2	04-05-2000	Ogura et al.		
H.	46	EP 1 067 498 A1	01-10-2001	Murakami et al.		
H.	47	EP 1 067 481 A2	01-10-2001	Murakami et al.		
H.	48	EP 1 067 480 A2	01-10-2001	Murakami et al.		
H.	49	EP 0 997 861 A2	05-03-2000	Murakami et al.		
H.	50	EP 1 011 085 A2	06-21-2000	Schroter		

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Application Number	09/348,515
Filing Date	July 7, 1999
First Named Inventor	Murakami et al.
Art Unit	3623
Examiner Name	Irshadullah, H.
Attorney Docket Number	22845-038

U. S. PATENT DOCUMENTS

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		Number-Kind Code ² (if known)			
H.	51	US- 5,579,973	12-03-1996	Taft	
H.	52	US- 5,557,254	09-17-1996	Johnson et al.	
H.	53	US- 5,493,694	02-20-1996	Vlcek et al.	
H.	54	US- 5,366,338	11-22-1994	Mortensen	
H.	55	US- 5,357,143	10-18-1994	Lehr et al.	
H.	56	US- 5,289,369	02-22-1994	Hirshberg	
H.	57	US- 5,265,006	11-23-1993	Asthana et al.	
H.	58	US- 5,206,643	04-27-1993	Eckelt	
H.	59	US- 5,066,034	11-19-1991	Carr	
H.	60	US- 4,994,714	02-19-1991	Hoekman et al.	
H.	61	US- 4,777,646	10-11-1988	Harris	
H.	62	US- 4,776,003	10-04-1988	Harris	
H.	63	US- 4,719,460	01-12-1988	Takeuchi et al.	
H.	64	US- 4,692,762	09-08-1987	Lewiner et al.	
H.	65	US- 4,620,429	11-04-1986	Quillen	
H.	66	US- 4,360,875	11-23-1982	Behnke	
H.	67	US- 4,353,055	10-05-1982	Kawakatsu et al.	
H.	68	US- 3,906,447	09-1975	Crafton	
H.	69	US- 3,858,775	01-1975	Haas	

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite ¹ No.	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁶
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				
H.	70	EP 0 179 160	04-30-1996	Wuttke		
H.	71	EP 0 307 485 B1	06-08-1994	Kimura et al.		
H.	72	EP 0 147 284 B1	07-03-1985	Lewiner et al.		
H.	73	EP 0 323 326	07-05-1989	Brisson		
H.	74	EP 0 433 740 B1	06-26-1991	Wasmuth et al.		
H.	75	EP 0 309 318	12-23-1992	Brisson		

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Application Number	09/348,515
Filing Date	July 7, 1999
First Named Inventor	Murakami et al.
Art Unit	3623
Examiner Name	Irshadullah, H.
Attorney Docket Number	22845-038

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of

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U. S. PATENT DOCUMENTS

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		Number-Kind Code ² (if known)			
H.	76	US- 3,655,397	05-1972	Di Napoli et al.	
H.	77	US- 3,624,608	11-30-1971	Altman et al.	
H.	78	US- 1,223,258	04-17-1917	Cooper	
H.	79	US- D 374, 208	10-01-1996	Eva Jr.	
H.	80	US- 2003/0014302 A1	01-16-2003	Jablin	
H.	81	US- 4,495,484	01-22-1995	Kawakatsu, et al.	
H.	82	US- 3,997,044	12-14-1976	Schasser	
H.	83	US- 4,438,426	03-20-1984	Adkins	
H.	84	US- 3,742,453	06-26-1973	Polylo	
H.	85	US- 4,072,859	02-07-1978	McWaters	
H.	86	US- 3,754,122	08-21-1973	Di Napoli et al.	
H.	87	US- 3,757,290	09-04-1973	Ross	
H.	88	US- 5,337,046	08-09-1994	Graseet	
H.	89	US- 5,168,451	12-01-1992	Bolger	
H.	90	US- 5,604,676	02-18-1997	Penzias	
H.	91	US- 5,717,387	02-10-1998	Suman et al.	
H.		US-			
H.		US-			
H.		US-			

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite ¹ No.	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁶
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				
H.	92	DE 197 28 885 A1	01-14-1999	Albers		T
H.	93	DE 298 11 292 U1	01-07-1999	Karahan		T
H.	94	DE 43 01 039	07-21-1994	Latsch		
H.	95	DE 42 27 969	03-03-1994	Lemke et al.		T
H.	96	DE 40 24 186 A1	02-06-1992	Scharf		T
H.	97	FR 2 732 144	09-27-1996	Bertrand et al.		

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				Application Number	09/348,515
				Filing Date	July 7, 1999
				First Named Inventor	Murakami et al.
				Art Unit	3623
				Examiner Name	Irshadullah, H.
				Attorney Docket Number	22845-038
Sheet	5	of	12		

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		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				
H.	98	FR 2 712 715	05-17-1995	Laurens et al		
H.)	99	FR 2 692 064	12-10-1993	Parent		
H.	100	FR 2 656 450	06-28-1991	Bernard		
H.)	101	FR 2 625 954	07-26-1989	Parienti		
H.	102	CA 2 227 664	07-21-1998	Bunn		
H.	103	JP 10-261199	09-29-1998	Masaki et al.		T

Examiner Signature	M. IRSHADULLAH	Date Considered	8/4.03
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Sheet

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Application Number	09/348.515
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Filing Date	July 7, 1999
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First Named Inventor	Murakami et al.
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Art Unit	3623
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Examiner Name	Irshadullah, H.
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Attorney Docket Number	22845-038
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U. S. PATENT DOCUMENTS

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H.	104	JP 10-255162	09-25-1998	Hiroaki et al.	/	T
H.	105	JP 10-266191	09-29-1998	Masaki et al.		T
H.	106	JP 10-255191	09-25-1998	Hiroaki et al.		T
H.	107	JP 2001-67581	03-16-2003	Murakami et al.		
H.	108	JP 11-127788	05-18-1999	Kameda		T
H.	109	JP 08-138199	05-31-1996	Katsumi et al.		T

Examiner Signature	M. IRS HADULLAH	Date Considered	8/4.03
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Application	09/348,515
		Filing Dat	July 7, 1999
		First Named Inventor	Murakami et al.
		Art Unit	3623
		Examiner Name	Irshadullah, H.
Sheet 7	of 12	Attorney Docket Number	22845-038

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		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)				
H.	110	EP 0 509 776	10-21-1992	Tsuda et al.		
H.	111	GB 2 291 235 A	02-29-1996	Teng		
H.	112	GB 2 271 081	10-18-1989	Muldoon		
H.	113	GB 2 146 154	04-11-1985	Banks		
H.	114	DE 40 24 186	02-06-1992	Scherf		
H.	115	DE 22 10 088	10-05-1972	Schimmelpenninck		
H.	116	DE 38 05 810	09-07-1998	Amend		T
H.	117	DE 42 27 969	03-03-1994	Lemke et al.		
H.	118	DE 40 32 198	04-23-1992	Ritter		
H.	119	DE 197 40 602	03-18-1999	Koehler et al.		T

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Substitute for form 1449A/PTO		C mplete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Applicati n	09/348,515
		Filing Dat	July 7, 1999
		First Named Inventor	Murakami et al.
		Art Unit	3623
		Examiner Name	Irshadullah, H.
Sheet 8	of 12	Attorney Docket Number	22845-038

U.S. PATENT DOCUMENTS					
Examiner Initials ¹	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number- Kind Code ² (if known)			
		US-			
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FOREIGN PATENT DOCUMENTS							
Examiner Initials ¹	Cite No. ¹	Foreign Patent Document		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³	-Number ⁴ -Kind Code ⁵ (if known)				
	120	DE	44 29 852 A1	02-29-1996	Klein		
	121	DE	100 33 341 A1	01-24-2002	Biesinger et al.		T
	122	DE	195 08 369 C1	03-07-1996	Lenart et al.		
	123	DE	195 08 370 A1	09-12-1996	Rick et al.		T
	124	DE	195 21 902 A1	12-19-1996	Beier		
	125	FR	2 126 602	06-10-1997	Grihangne		
	126	FR	2 535 491	05-04-1984	Jollivet		T
	127	FR	2 232 064				
	128	FR	2 612 319	05-29-1992	Chapelle		T
	129	FR	2 662 285	11-22-1991	Vernaudon		T

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Application	09/348,515
		Filing Date	July 7, 1999
		First Named Inventor	Murakami et al.
		Art Unit	3623
		Examiner Name	Irshadullah, H.
Sheet 9 of 12	Attorney Docket Number	22845-038	

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		US-			
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Examiner Initials*	Cite No. ¹	Foreign Patent Document		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁵
		Country Code ³	-Number ⁴ -Kind Code ⁵ (if known)				
H.	130	WO	92/22043	12-10-1992	Weixler		
H.	131	WO	85/01812	04-25-1985	Shilton et al.		
H.	132	WO	84/03785	09-27-1984	Ernst		
H.	133	WO	95/21435	08-04-1995	Rising		
H.	134	WO	99/44186	09-02-1999	Jaffe		
H.	135	JP	05-133195	05-28-1993	Nagayama et al.		T
H.	136	JP	10-208195	08-7-1998	Kagawa et al.		T
H.	137	JP	11-201762	07-30-1999	Ibara		
H.	138	JP	11-127750	03-20-73			T
H.	139	JP	2001067581 A	03-16-2001	Murakami		T

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Application	09/348,515
		Filing Date	July 7, 1999
		First Named Inventor	Murakami et al.
		Art Unit	3623
		Examiner Name	Irshadullah, H.
Sheet 10 of 12	Attorney Docket Number	22845-038	

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Examiner Initials ²	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ³
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)				
	140	FR 2 212 064	07-19-1979	Michard		
	141	JP 04-133195				

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		Applicant Number	09/348,515		
		Filing Date	July 7, 1999		
		First Named Inventor	Murakami et al.		
		Art Unit	3623		
		Examiner Name	Irshadullah, H.		
Sheet	11	of	12	Attorney Docket Number	22845-038

OTHER PRIOR ART-NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite, No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
h.	142	European Patent Office Search Report of 01305580.1-2215, November 7, 2001, 2 pages	
h.	143	European Patent Office Search Report of 99250392, February 9, 2001, 3 pages	
h.	144	European Patent Office Search Report of 00305739, October 20, 2000, 2 pages	
h.	145	European Patent Office Search Report of 95304203, March 8, 1996, 1 page	
h.	146	European Patent Office Search Report of 94402568, December 12, 1994, 1 page	
h.	147	European Patent Office Search Report of 91102927, June 13, 1991, 1 page	
h.	148	European Patent Office Search Report of 86305442, October 30, 1986, 3 pages	
h.	149	Australian Patent Office Search Report of SG 20003722-6, January 24, 2002, 4 pages	
h.	150	Australian Patent Office Search Report of SG 20003721-8, January 24, 2002, 2 pages	
h.	151	Australian Patent Office Search Report of SG 200103958-5, November 19, 2002, 2 pages	

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				Application Number	09/348,515
				Filing Date	July 7, 1999
				First Named Inventor	Hiroshi Murakami et al
				Art Unit	3623
Examiner Name	Irshadullah, H.				
Sheet	12	of	12	Attorney Docket Number	22845-038

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h.	152	United Kingdom Patent Office Search Report of GB9413527.4, September 1994, 1 page	
h.	153	French Patent Office Search Report of FR-0005779, February 1, 2002, 2 pages	
h.	154	French Patent Office Search Report of FR 0004270, June 29, 2001, 1 page	
h.	155	French Patent Office Search Report of FR 9503408, December 29, 1995, 1 page	
h.	156	French Patent Office Search Report of FR 94402568, December 12, 1994, 1 page	
h.	157	Praxitele web site=http://www-rocq.inria.fr/praxitele/welcome-angl.html?59, 31, Dec. 1997.	
h.	158	Bill Donahue, May 17, 2002, Cars You Drive for Just a Little While, Then It's Their Turn, New York Times, Coast), Pg.10	
h.	159	Matthew Barth; August 1999, Stimulation Model Performance Analysis of a Multiple Station Shared Vehicle System, Transportation Research, Issue 7C, Volume 4. Pages	

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